

Title (en)
FILTRATION APPARATUS

Title (de)
FILTRATIONSVORRICHTUNG

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APPAREIL DE FILTRATION

Publication
EP 2045000 A4 20110511 (EN)

Application
EP 07767525 A 20070625

Priority
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Abstract (en)
[origin: EP2045000A1] A filtration apparatus for performing solid-liquid separation by immersing a plurality of hollow fiber membranes in a to-be-treated liquid containing a suspended component so that the treated liquid permeates the hollow fiber membranes. The filtration apparatus includes the hollow fiber membranes folded double; a treated liquid collection means communicated with an open-side end of each of the hollow fiber membranes; a holding member for holding a bent portion at an other-end side of each of the hollow fiber membranes with a gap formed between the bent portion of each of the hollow fiber membranes and the holding member; and a gas-jetting means for jetting a cleaning gas from the other-end side of each of the hollow fiber membranes to the open-side end of each of the hollow fiber membranes. A gap for flowing the gas jetted by the gas-jetting means is formed between the hollow fiber membranes held by the holding member and the holding member or/and on at least one part of gaps between the hollow fiber membranes.

IPC 8 full level
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CPC (source: EP KR US)
B01D 61/18 (2013.01 - EP KR US); **B01D 63/0241** (2022.08 - EP KR US); **B01D 63/043** (2013.01 - EP KR US); **B01D 65/02** (2013.01 - EP KR US); **B01D 69/08** (2013.01 - KR); **B01D 71/36** (2013.01 - KR); **C02F 1/444** (2013.01 - EP KR US); **B01D 2313/06** (2013.01 - EP KR US); **B01D 2313/21** (2013.01 - EP KR US); **B01D 2313/26** (2013.01 - EP KR US); **B01D 2315/06** (2013.01 - EP KR US); **B01D 2321/185** (2013.01 - EP KR US); **C02F 3/1273** (2013.01 - EP US); **C02F 2103/20** (2013.01 - EP KR US); **Y02W 10/10** (2015.05 - EP KR US)

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